

SURFO Final Presentation Schedule

Corliss Auditorium

9:00 – 12:30 AM

Thursday, 4 August 2022

FORMAT

Hybrid Meeting. Zoom link on page 2. Only those in the live audience will be able to ask questions

TABLE OF CONTENTS

Time	Author	Project Title	alpha
09:00 AM	Moore, Rhiannon	Mapping biogeochemical cycling of carbon and nitrogen in the northwest Atlantic	7
09:15 AM	Gonzalez, Nathan	Assessing shoreline erosion using digital elevation models derived from photogrammetry and bathymetry models	3
09:30 AM	Rettig, Margaret	Spatiotemporal patterns in parasitic dinoflagellate	9
09:45 AM	Paulino, Jr., Loreto	Passive Air Sampling for Outdoor and Indoor Volatile and Ionic Per- and Polyfluoroalkyl Substances (PFAS)	8
10:00 AM	Matsuyoshi, Kayli	Improving the GNSS-IR method to measure sea level rise	6
10:15 AM	Silvester, Kate	Analyzing biofouling properties and spore adhesion strength of ulva from Mackerel Cove	11
10:30 AM	Break		
10:45AM	Carter, Jon	Designing a streamlined sonar attachment for the Heron autonomous surface vehicle	1
11:00 AM	Huefner, HuxleyAnn	Effects of cold-water coral rugosity and patch length on near-bed flow patterns	4
11:15 AM	Sellinger, Elisabeth	Analyzing domoic acid production of toxigenic pseudo-nitzschia species isolated from Narragansett Bay, RI in nutrient-limiting conditions	10
11:30 AM	Song-Weiss, Bryca	Assessing beach system changes and anthropogenic signatures along the RI south shore	12
11:45 AM	Hutchins, Ashley	Modeling and experimental analysis of differential thrust on a low-cost, lightweight unmanned surface vehicle	5
12:00 AM	Diaz-Martinez, Arnaldo	Dynamics of nutrient limitations and grazing controls of phytoplankton in the Narragansett Bay during summer	2